Abstract

The object of the invention is to provide a software component (1, 2, 3) for a distributed control system having application units (4, 5) which have one or more logic function nodes which each define an individual control system function in the application units and interact with one another, or can interact with one another, in order to achieve a desired functionality for the control system; having a function means for implementation of a logic function node; a negotiation means for receiving a connection instruction relating to a connection to be set up to at least one further function node and for agreeing upon possible usable connection parameters between the function node and the at least one further function node during a composition phase of the control system; and a connection means for setting the negotiated connection parameters between the function means and for data transmission between the connected function means during a runtime of the control system.